2500



OIPE

#2

ENTERED See page 6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002 TIME: 13:01:35

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt

- 3 <110> APPLICANT: Eaton, Dan L.
- 4 Filvaroff, Ellen
- 5 Gerritsen, Mary E.
- 6 Goddard, Audrey
- 7 Godowski, Paul J.
- 8 Grimaldi, Christopher J.
- 9 Gurney, Austin L.
- 10 Watanabe, Colin K.
- Wood, William I.
- 13 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
- 14 ACIDS ENCODING THE SAME
- 16 <130> FILE REFERENCE: P3230R1C1
- C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/063,514
- C--> 18 <141> CURRENT FILING DATE: 2002-05-01
 - 18 <150> PRIOR APPLICATION NUMBER: 60/063435
 - 19 <151> PRIOR FILING DATE: 1997-10-29
 - 21 <150> PRIOR APPLICATION NUMBER: 60/064215
 - 22 <151> PRIOR FILING DATE: 1997-10-29
 - 24 <150> PRIOR APPLICATION NUMBER: 60/082797
 - 25 <151> PRIOR FILING DATE: 1998-04-22
 - 27 <150> PRIOR APPLICATION NUMBER: 60/083495
 - 28 <151> PRIOR FILING DATE: 1998-04-29
 - 30 <150> PRIOR APPLICATION NUMBER: 60/085579
 - 31 <151> PRIOR FILING DATE: 1998-05-15
 - 33 <150> PRIOR APPLICATION NUMBER: 60/087759
 - 34 <151> PRIOR FILING DATE: 1998-06-02
 - 36 <150> PRIOR APPLICATION NUMBER: 60/088021
 - 37 <151> PRIOR FILING DATE: 1998-06-04
 - 39 <150> PRIOR APPLICATION NUMBER: 60/088029
 - 40 <151> PRIOR FILING DATE: 1998-06-04
 - 42 <150> PRIOR APPLICATION NUMBER: 60/088030
 - 43 <151> PRIOR FILING DATE: 1998-06-04
 - 45 <150> PRIOR APPLICATION NUMBER: 60/088734
 - 46 <151> PRIOR FILING DATE: 1998-06-10
 - 48 <150> PRIOR APPLICATION NUMBER: 60/088740
 - 49 <151> PRIOR FILING DATE: 1998-06-10
 - 51 <150> PRIOR APPLICATION NUMBER: 60/088811
 - 52 <151> PRIOR FILING DATE: 1998-06-10
 - 54 <150> PRIOR APPLICATION NUMBER: 60/088824
 - 55 <151> PRIOR FILING DATE: 1998-06-10
 - 57 <150> PRIOR APPLICATION NUMBER: 60/088825
 - 58 <151> PRIOR FILING DATE: 1998-06-10
 - 60 <150> PRIOR APPLICATION NUMBER: 60/088863

PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002 TIME: 13:01:35

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt

- 61 <151> PRIOR FILING DATE: 1998-06-11
- 63 <150> PRIOR APPLICATION NUMBER: 60/089105
- 64 <151> PRIOR FILING DATE: 1998-06-12
- 66 <150> PRIOR APPLICATION NUMBER: 60/089514
- 67 <151> PRIOR FILING DATE: 1998-06-16
- 69 <150> PRIOR APPLICATION NUMBER: 60/089653
- 70 <151> PRIOR FILING DATE: 1998-06-17
- 72 <150> PRIOR APPLICATION NUMBER: 60/089952
- 73 <151> PRIOR FILING DATE: 1998-06-19
- 75 <150> PRIOR APPLICATION NUMBER: 60/090246
- 76 <151> PRIOR FILING DATE: 1998-06-22
- 78 <150> PRIOR APPLICATION NUMBER: 60/090444
- 79 <151> PRIOR FILING DATE: 1998-06-24
- 81 <150> PRIOR APPLICATION NUMBER: 60/090688
- 82 <151> PRIOR FILING DATE: 1998-06-25
- 84 <150> PRIOR APPLICATION NUMBER: 60/090696
- 85 <151> PRIOR FILING DATE: 1998-06-25
- 87 <150> PRIOR APPLICATION NUMBER: 60/090862
- 88 <151> PRIOR FILING DATE: 1998-06-26
- 90 <150> PRIOR APPLICATION NUMBER: 60/091628
- 91 <151> PRIOR FILING DATE: 1998-07-02
- 93 <150> PRIOR APPLICATION NUMBER: 60/096012
- 94 <151> PRIOR FILING DATE: 1998-08-10
- 96 <150> PRIOR APPLICATION NUMBER: 60/096757
- 97 <151> PRIOR FILING DATE: 1998-08-17
- 99 <150> PRIOR APPLICATION NUMBER: 60/096949
- 100 <151> PRIOR FILING DATE: 1998-08-18
- 102 <150> PRIOR APPLICATION NUMBER: 60/096959
- 103 <151> PRIOR FILING DATE: 1998-08-18
- 105 <150> PRIOR APPLICATION NUMBER: 60/097954
- 106 <151> PRIOR FILING DATE: 1998-08-26 108 <150> PRIOR APPLICATION NUMBER: 60/097971
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- 111 <150> PRIOR APPLICATION NUMBER: 60/097979
- 112 <151> PRIOR FILING DATE: 1998-08-26
- 114 <150> PRIOR APPLICATION NUMBER: 60/098749
- 115 <151> PRIOR FILING DATE: 1998-09-01
- 117 <150> PRIOR APPLICATION NUMBER: 60/099741
- 118 <151> PRIOR FILING DATE: 1998-09-10
- 120 <150> PRIOR APPLICATION NUMBER: 60/099763
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- 123 <150> PRIOR APPLICATION NUMBER: 60/099792
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- 129 <150> PRIOR APPLICATION NUMBER: 60/099815
- 130 <151> PRIOR FILING DATE: 1998-09-10
- 132 <150> PRIOR APPLICATION NUMBER: 60/100627
- 133 <151> PRIOR FILING DATE: 1998-09-16

PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002 TIME: 13:01:35

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt

- 135 <150> PRIOR APPLICATION NUMBER: 60/100662
- 136 <151> PRIOR FILING DATE: 1998-09-16
- 138 <150> PRIOR APPLICATION NUMBER: 60/100683
- 139 <151> PRIOR FILING DATE: 1998-09-17
- 141 <150> PRIOR APPLICATION NUMBER: 60/100684
- 142 <151> PRIOR FILING DATE: 1998-09-17
- 144 <150> PRIOR APPLICATION NUMBER: 60/100930
- 145 <151> PRIOR FILING DATE: 1998-09-17
- 147 <150> PRIOR APPLICATION NUMBER: 60/101279
- 148 <151> PRIOR FILING DATE: 1998-09-22
- 150 <150> PRIOR APPLICATION NUMBER: 60/101475
- 151 <151> PRIOR FILING DATE: 1998-09-23
- 153 <150> PRIOR APPLICATION NUMBER: 60/101738
- 154 <151> PRIOR FILING DATE: 1998-09-24
- 156 <150> PRIOR APPLICATION NUMBER: 60/101743
- 157 <151> PRIOR FILING DATE: 1998-09-24
- 159 <150> PRIOR APPLICATION NUMBER: 60/101916
- 160 <151> PRIOR FILING DATE: 1998-09-24
- 162 <150> PRIOR APPLICATION NUMBER: 60/102570
- 163 <151> PRIOR FILING DATE: 1998-09-30
- 165 <150> PRIOR APPLICATION NUMBER: 60/103449
- 166 <151> PRIOR FILING DATE: 1998-10-06
- 168 <150> PRIOR APPLICATION NUMBER: 60/103678
- 169 <151> PRIOR FILING DATE: 1998-10-08
- 171 <150> PRIOR APPLICATION NUMBER: 60/103679
- 172 <151> PRIOR FILING DATE: 1998-10-08
- 174 <150> PRIOR APPLICATION NUMBER: 60/103711
- 175 <151> PRIOR FILING DATE: 1998-10-08
- 177 <150> PRIOR APPLICATION NUMBER: 60/105000
- 178 <151> PRIOR FILING DATE: 1998-10-20
- 180 <150> PRIOR APPLICATION NUMBER: 60/105002
- 181 <151> PRIOR FILING DATE: 1998-10-20
- 183 <150> PRIOR APPLICATION NUMBER: 60/105881
- 184 <151> PRIOR FILING DATE: 1998-10-27
- 186 <150> PRIOR APPLICATION NUMBER: 60/106030
- 187 <151> PRIOR FILING DATE: 1998-10-28
- 189 <150> PRIOR APPLICATION NUMBER: 60/106464
- 190 <151> PRIOR FILING DATE: 1998-10-30
- 192 <150> PRIOR APPLICATION NUMBER: 60/106856
- 193 <151> PRIOR FILING DATE: 1998-11-03
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- 198 <150> PRIOR APPLICATION NUMBER: 60/112419
- 199 <151> PRIOR FILING DATE: 1998-12-15
- 201 <150> PRIOR APPLICATION NUMBER: 60/112422
- 202 <151> PRIOR FILING DATE: 1998-12-15
- 204 <150> PRIOR APPLICATION NUMBER: 60/112853
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- 207 <150> PRIOR APPLICATION NUMBER: 60/113011

PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002 TIME: 13:01:35

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt

- 208 <151> PRIOR FILING DATE: 1998-12-16
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- 213 <150> PRIOR APPLICATION NUMBER: 60/113300
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- 216 <150> PRIOR APPLICATION NUMBER: 60/113408
- 217 <151> PRIOR FILING DATE: 1998-12-22
- 219 <150> PRIOR APPLICATION NUMBER: 60/113430
- 220 <151> PRIOR FILING DATE: 1998-12-23
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- 223 <151> PRIOR FILING DATE: 1998-12-23
- 225 <150> PRIOR APPLICATION NUMBER: 60/114223
- 226 <151> PRIOR FILING DATE: 1998-12-30
- 228 <150> PRIOR APPLICATION NUMBER: 60/115614
- 229 <151> PRIOR FILING DATE: 1999-01-12
- 231 <150> PRIOR APPLICATION NUMBER: 60/116527
- 232 <151> PRIOR FILING DATE: 1999-01-20
- 234 <150> PRIOR APPLICATION NUMBER: 60/116843
- 235 <151> PRIOR FILING DATE: 1999-01-22
- 237 <150> PRIOR APPLICATION NUMBER: 60/119285
- 238 <151> PRIOR FILING DATE: 1999-02-09
- 240 <150> PRIOR APPLICATION NUMBER: 60/119287
- 241 <151> PRIOR FILING DATE: 1999-02-09
- 243 <150> PRIOR APPLICATION NUMBER: 60/119525
- 244 <151> PRIOR FILING DATE: 1999-02-10
- 246 <150> PRIOR APPLICATION NUMBER: 60/119549
- 247 <151> PRIOR FILING DATE: 1999-02-10
- 249 <150> PRIOR APPLICATION NUMBER: 60/120014
- 250 <151> PRIOR FILING DATE: 1999-02-11
- 252 <150> PRIOR APPLICATION NUMBER: 60/129122 253 <151> PRIOR FILING DATE: 1999-04-13
- 255 <150> PRIOR APPLICATION NUMBER: 60/129674
- 256 <151> PRIOR FILING DATE: 1999-04-16
- 258 <150> PRIOR APPLICATION NUMBER: 60/131291
- 259 <151> PRIOR FILING DATE: 1999-04-27 261 <150> PRIOR APPLICATION NUMBER: 60/138387
- 262 <151> PRIOR FILING DATE: 1999-06-09
- 264 <150> PRIOR APPLICATION NUMBER: 60/144791
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- 268 <151> PRIOR FILING DATE: 1999-12-07
- 270 <150> PRIOR APPLICATION NUMBER: 60/175481
- 271 <151> PRIOR FILING DATE: 2000-01-11
- 273 <150> PRIOR APPLICATION NUMBER: 60/191007
- 274 <151> PRIOR FILING DATE: 2000-03-21
- 276 <150> PRIOR APPLICATION NUMBER: 60/199397
- 277 <151> PRIOR FILING DATE: 2000-04-25
- 279 <150> PRIOR APPLICATION NUMBER: 09/380139
- 280 <151> PRIOR FILING DATE: 1998-08-25

PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002 TIME: 13:01:35

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt

- 282 <150> PRIOR APPLICATION NUMBER: 09/311832
- 283 <151> PRIOR FILING DATE: 1999-05-14
- 285 <150> PRIOR APPLICATION NUMBER: 09/380137
- 286 <151> PRIOR FILING DATE: 1999-08-25
- 288 <150> PRIOR APPLICATION NUMBER: 09/380138
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- 297 <150> PRIOR APPLICATION NUMBER: 09/403297
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- 301 <151> PRIOR FILING DATE: 1999-11-12
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- 307 <151> PRIOR FILING DATE: 2000-09-18
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- 310 <151> PRIOR FILING DATE: 2000-09-18
- 312 <150> PRIOR APPLICATION NUMBER: 09/709238
- 313 <151> PRIOR FILING DATE: 2000-11-08
- 315 <150> PRIOR APPLICATION NUMBER: 09/747259
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- 318 <150> PRIOR APPLICATION NUMBER: 09/816744
- 319 <151> PRIOR FILING DATE: 2001-03-22
- 321 <150> PRIOR APPLICATION NUMBER: 09/854208
- 322 <151> PRIOR FILING DATE: 2001-05-10
- 324 <150> PRIOR APPLICATION NUMBER: 09/854280
- 325 <151> PRIOR FILING DATE: 2001-05-10 327 <150> PRIOR APPLICATION NUMBER: 09/870574
- 328 <151> PRIOR FILING DATE: 2001-05-30
- 330 <150> PRIOR APPLICATION NUMBER: 09/874503
- 331 <151> PRIOR FILING DATE: 2001-06-05
- 333 <150> PRIOR APPLICATION NUMBER: 09/869599
- 334 <151> PRIOR FILING DATE: 2001-06-29
- 336 <150> PRIOR APPLICATION NUMBER: 09/908,827
- 337 <151> PRIOR FILING DATE: 2001-07-18
- 339 <150> PRIOR APPLICATION NUMBER: PCT/US98/19330
- 340 <151> PRIOR FILING DATE: 1998-09-16
- 342 <150> PRIOR APPLICATION NUMBER: PCT/US99/05028
- 343 <151> PRIOR FILING DATE: 1999-03-08
- 345 <150> PRIOR APPLICATION NUMBER: PCT/US99/10733
- 346 <151> PRIOR FILING DATE: 1999-05-14
- 348 <150> PRIOR APPLICATION NUMBER: PCT/US99/12252
- 349 <151> PRIOR FILING DATE: 1999-06-02
- 351 <150> PRIOR APPLICATION NUMBER: PCT/US99/20111
- 352 <151> PRIOR FILING DATE: 1999-09-01
- 354 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002 TIME: 13:01:36

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt

Output Set: N:\CRF3\05032002\J063514.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the $\langle 220 \rangle$ to $\langle 223 \rangle$ fields of each sequence which presents at least one n or Xaa.

Seq#:73; N Pos. 1528

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002

TIME: 13:01:36

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt

Output Set: N:\CRF3\05032002\J063514.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application No

L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:6161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1500

STATISTICS SUMMARY

PATENT APPLICATION: US/10/063,514

DATE: 05/03/2002 TIME: 13:01:36

Input Set : N:\Crf3\Datahold\EFS\10063514\Sequence_Listing_as_filed.txt
Output Set: N:\CRF3\05032002\J063514.raw

Application Serial Number: US/10/063,514

Alpha or Numeric: Numeric

Application Class:

Application File Date: 05-01-2002

Art Unit: OIPE

Software Application:

Total Number of Sequences: 170

Total Nucleotides: 143393 Total Amino Acids: 29490 Number of Errors: 0 Number of Warnings: 1 Number of Corrections: 2

MESSAGE SUMMARY

270 C: 1 (Current Application Number differs)

271 C: 1 (Current Filing Date differs)

341 W: 1 ((46) "n" or "Xaa" used)